



ARIZONA DEPARTMENT OF EDUCATION

Procurement Section

1535 West Jefferson Street, Bin #37

Phoenix, Arizona 85007

CONTRACT/AGREEMENT MODIFICATION

Page 1 of 2

1. AGREEMENT NO.: ED04-0040	2. MODIFICATION NO.: 08	3. EFFECTIVE DATE: Upon Signature of both Parties	4. PROGRAM OFFICE: AIM
5. CONTRACTOR NAME AND ADDRESS: CTB/McGraw Hill, LLC 20 Ryan Ranch Road Monterey, CA 93940			
6. AUTHORITY FOR MODIFICATION: Special Terms and Conditions No. 2 and 6.			
7. PURPOSE OF MODIFICATION: To exercise the option to extend the contract for an additional year (Year-4) and to increase contract amount by adding firm-fixed prices for additional agreed work.			

8. THE ABOVE REFERENCED AGREEMENT IS HEREBY MODIFIED AS FOLLOWS:

- A. The contract term ends August 31, 2007 (see modification number 04), and Special Provision number 6 gives ADE the right to extend the contract for additional periods up to a total of five (5) years. ADE hereby exercise its option to extend the contract for an additional year (Year-4), and with the exercise of this option the contract term now ends on August 31, 2008. Special Provision Number 2, paragraph 5 on page 25 is revised to read:

"Contract Term. The term of this Contract shall commence on the date the Procurement Officer signs the Offer and Acceptance Form, signifying ADE's acceptance of the Offeror/Contractor's proposal and will remain in effect through August 31, 2007, unless terminated, canceled, or extended as otherwise provided herein."

- B. ADE and CTB agreed on April 18, 2007 to undertake certain changes necessary for additional work in Year-4. This amendment number 8 establishes firm-fixed prices for those changes. Therefore, pursuant to Special Terms and Conditions no. 2, the contract price is increased as follows:

Description:

See changes defined in RAA ID#: PM-199, Increased Case Count

See changes defined in RAA ID#: PM-201, Increased Page Count

See changes defined in RAA ID#: PM-203, Additional Forms for DPA for Additional Field Test Items

Increase year 3 price by:

\$738,179.02

\$293,576.00

\$1,568,970.00

Total for above changes

\$2,600,725.02

Year 4 Price Increases from \$8,023,475 to:

\$10,624,200.02

9. EXCEPT AS PROVIDED FOR HEREIN, ALL TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT/AGREEMENT NOT HERETOFORE CHANGED AND/OR MODIFIED REMAIN UNCHANGED AND IN FULL EFFECT.

IN WITNESS WHEREOF THE PARTIES HERETO SIGN THEIR NAMES IN AGREEMENT.

CONTRACTOR:	ARIZONA DEPARTMENT OF EDUCATION:
SIGNATURE OF AUTHORIZED INDIVIDUAL: 	SIGNATURE:
TYPED NAME: ARTHUR SHIVELY, SR. V.P. FINANCE	TYPED NAME: Douglas C Peeples, MBA, CPPB, CPCM
TITLE:	TITLE: Procurement Administrator
DATE: June 11, 2007	DATE: 6-12-2007

AGREEMENT NO.: ED04-0040	MODIFICATION NO.: 08	EFFECTIVE DATE: Upon Signature of both Parties	PROGRAM OFFICE: AIM
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Summary of increases to total contract price of \$44,725,148.00

Amendment 1 increased the total contract by \$353,528.00 to:	\$45,078,676.00
Amendment 2 increased the total contract by \$2,100,000.00 to:	\$47,178,676.00
Amendment 3 increased the total contract by \$96,975.00 to:	\$47,275,651.00
Amendment 4 increased the total contract by \$1,100,633.00 to:	\$48,376,284.00
Amendment 5 increased the total contract by \$1,163,222 to:	\$49,539,506.00
Amendment 7 increased the total contract by \$1,291,255.00 to:	\$50,830,761.00
This Amendment 8 increases the total contract by \$2,624,200.02 to:	\$53,454,961.02

Note:

Amendments 1 and 2 increased the year 1 price to:	\$13,495,027.00
Amendment 3 and 4 increase the year 2 price to:	\$10,564,847.00
Amendments 5 and 7 increased the year 3 price to:	\$10,774,026.00
Amendment 8 increased the year 4 price to:	\$10,624,200.02

This contract price increase set forth above is based on certified cost and price data submitted by CTB. After discussions, both ADE and CTB agree that this increase is fair and reasonable.



April 12, 2007

Douglas P. Peeples
Procurement Administrator
Arizona Department of Education
1535 West Jefferson
Phoenix, Arizona 85007

Re: ADE Contract Number ED04-0040 for AIMS and AIMS DPA
Option to Exercise Year-4 of Contract and Changes Needed for Year4

Dear Mr. Peeples:

Please accept this letter for review along with the attached list of agreed-upon changes for the AIMS and AIMS DPA Year 4. I learned from our team that the meeting in Arizona on Friday, March 30 regarding next year's deliverables was mutually productive and advanced our discussions regarding the Contract and Change Orders for the Year 4 program. I very much appreciate the work that has been performed by both the ADE and CTB teams to reach the agreements necessary for final decisions regarding the outstanding items.

I understand that you have some questions regarding the scope and price for the additional forms/field test items for Year 4 DPA (PM-203 Additional 3 DPA Forms for Additional 30 Field Test Items for Reading Mathematics for the spring 2008 Administration). The price for this effort (which includes a total of 360 more items, 18 more passages, and 18 more test forms) is higher than last year. As Superintendent Horne and I discussed during my meeting with him on January 26, sometimes additions in scope, such as adding forms/items to an existing test, require a more complex set of tasks than the initial test creation. In this case, adding more items and forms to the initial test design and the pre-existing test requires not only the creation of a new test with new items and forms but also a careful integration of the new test with the prior test.

The previous test and its design need to be re-evaluated and the new items have to be carefully specified and written to fit with the existing items. The production of the new test requires reviews not just of the new items, but also of all the prior items, tests, and manuals into which the new content must fit.

Superintendent Horne and I talked briefly about how the addition of content to an existing test design is one example of when additional work is not always the same or as simple as the original work. The Superintendent suggested that CTB identify the tasks and price for this and other similar modifications to the existing DPA design and submit them with the change order package for Year 4. We have included this detail for the additional content in the attached documentation. I believe you now have all the necessary documentation to move forward with approval for the Contract and Change Orders for Year 4.

Douglas P. Peeples
April 12, 2007
Page 2

Thank you very much for the effort you and the AIMS team have invested in this year's contractual discussions. We greatly value our relationship with Arizona, and look forward to continued collaboration. If you have any questions, please don't hesitate to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ellen Haley". The signature is fluid and cursive, with the first name "Ellen" and last name "Haley" clearly distinguishable.

Ellen Haley

cc: Ratna Anagol, Vice President, Global Programs
Leslie Miller, Director Global Programs
Kelly Powell, Evaluation Consultant
Jake Parizek, State Solutions Manager
Luanna Bowen, Regional Vice President, Sales

20 Ryan Ranch Road
Monterey, CA 93940

April 12, 2007

Douglas P. Peeples
Procurement Administrator
Arizona Department of Education
1535 West Jefferson
Phoenix, Arizona 85007

Re: ADE Contract Number ED04-0040; Option to Exercise Year-4 of Contract and Changes Needed for Year-4

Dear Mr. Peeples:

It has been a pleasure to work with the ADE on the revisions to this document, originally submitted February 13, 2007. Working together, we believe that we have thoroughly discussed and addressed all concerns, and are pleased to submit this revised proposal for Year-4.

CTB welcomes the opportunity to continue our relationship with the ADE in support of the AIMS program, per your letter dated January 8, 2007 notifying CTB/McGraw-Hill (CTB) of the ADE's intent to exercise its option to extend the contract for an additional year. We have reviewed the list of change orders you would like to incorporate into the Year-4 program, and have provided below a description of each change order and an accompanying price.

Requested Contract Modifications:

1. Increase Case Count (Number of Students):

The Best and Final Offer indicated estimated student counts for Spring 2008. The ADE has since revised these estimates based on expected increased enrollments. As a result, the number of test booklets, answer documents, barcode labels and scoring effort for the fall and spring administrations will be increased. The detail for each of these increases is provided in the Change Order RAA ID#: PM-199 (attached). The total estimated increase for the fall and spring administrations for Year-4 is \$738,179.02.

2. Increased Page Counts in DPA:

The Best and Final Offer indicated estimated page counts for the test books for DPA grades 3-8. As the design requirements of the DPA program have evolved, additional items and large artwork have been added, requiring the estimated pages to increase. The itemized increase per grade is included in a table within the attached Change Order RAA ID#: PM-201. The price for this change totals \$293,576.

3. Changes in Operational Science Test Design for Grades 4, 8, and 10:

As the program needs for Science have evolved, the ADE is requesting a change in the design for the operational Science test for Year-4. Once the scope has been finalized a change order will be generated with the price for ADE approval.

4. Test and Answer Book Design Change for High School Fall & Spring Administrations:

As the program has evolved, the ADE had made the decision to maintain a revised design to the High School Test Books for Spring 2008 which includes a standalone Test Book for each of the content areas Writing, Reading and Mathematics (The Best & Final Offer combined the Writing/Reading test books with a standalone book for Mathematics). Also for Spring 2008, The Answer book will include two separate books: one for Writing and Reading, and a stand-alone answer book for Mathematics.

For fall, the Test Book Design will include separate test books for each content area (Writing, Reading and Mathematics). The January 8, 2007 letter indicated that the ADE would like to change the Answer Book Design for the High School test for the fall. Upon clarification with the ADE on the February 6, 2007 conference call, the ADE has decided to return to the design in the RFP, whereby the fall Answer Book design will return from the current configuration of multiple Answer Books to one Answer Book for the High School test. There is no additional charge for this change. The design for the fall Test Book and Answer Documents are included in the attached Change Order RAA ID#: PM-199.

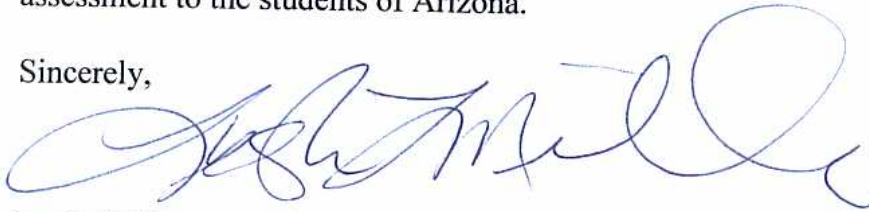
5. Additional Forms for DPA for Additional Field Test Items:

As the ADE's DPA test has evolved, CTB will support the addition of new forms for the spring 2008 administration to accommodate the additional field test items for Reading and Mathematics. Adding items to an existing design requires additional work to ensure alignment in many areas of the process. These additional steps have been detailed on the attached Change Order RAA ID#: PM-203. The price for this change totals \$1,568,970.

The total Year-4 price for the Change Orders above is \$2,600,725.02

CTB remains committed to serving and supporting Arizona's educational goals. We look forward to working in partnership with the ADE to provide another year of the AIMS assessment to the students of Arizona.

Sincerely,



Leslie Miller
Director, Program Operations

cc: Ratna Anagol, Vice President, Global Programs
Ellen Haley, President, CTB
Kelly Powell, Evaluation Consultant
Jake Parizek, State Solutions Manager
Luanna Bowen, Regional Vice President, Sales

Request for ADE Approval

ARIZONA'S INSTRUMENT TO MEASURE STANDARDS (AIMS)

RAA ID#: PM – 199

Date: April 12, 2007

- ☒ Decision
☐ Approval of Contract Deliverable

ADE has revised the estimated case counts for both Fall and Spring assessments for Year 4 due an expected increase in enrollments. CTB has identified the areas affected by the increased enrollments as those listed below:

Topic: Increase Case Count (Number of Students):

- Test Booklets
 - Spring
 - Fall
- Answer Documents
 - Spring
 - Fall
- Barcode Labels
 - Spring
 - Fall
- Scoring
 - Spring
 - Fall

Decision: ADE accepts and approves of the following changes:

1. Spring 2008 High School Answer Document Design Change (results in increased quantities), reference RAA PM-191.10a:

ADE has made the decision to stay with the existing design to the High School Answer document for Spring 2008 which includes a combined document for Reading and Writing (12 pages) with a stand-alone document for Mathematics (8 pages).

Increased Quantities:

The BAFO indicated answer document quantities of 152,714 for Spring 2008. Based on ADE's revised estimated enrollments of 190,000 Writing/Reading and 140,000 Mathematics answer documents, the pricing associated with this design as noted below (reference Contract Modification 4).

All pricing noted for the Spring HS administration represents the adjusted difference in the BAFO price for the change to this design. In all cases, CTB assumes standard BAFO overages apply. It is important to note that this RAA and the pricing noted are for materials only. Scoring costs are represented in RAA PM-191.11a.

ADE request that we change the quantity from 128,369 to 152,714 for Year 4.

ADE Approval of Price:

Please check the box below to indicate ADE's approval and acceptance of the following pricing;

☐

Price: \$ 25,800.60

Spring 2008 Answer Documents (see equation below for details)

B&FO Answer Documents:

Writing/Reading combined = 152,714, Mathematics = 152,714

Increased Quantities:

Writing/Reading combined = 190,000

Mathematics = 140,000

Total = 330,000 – BAFO quantities 305,428

= 24,572 additional answer documents

$24,572 * \$1.05 = \$25,800.60$

ADE has requested that we change the quantity from 128,369 to 152,714. Due to quantity change there is a price difference from \$76,925.10 to \$25,800.60, resulting in a decrease of \$51,124.50.

2. **Spring 2008 High School Test Book Design Change (Resulting in Increased Quantities), reference RAA PM-191.9a:**

ADE has made the decision to maintain a revised design to the High School Test Books for Spring 2008 which includes a stand-alone Test Book for each of the content areas Writing, Reading and Mathematics. The BAFO combined the Writing/Reading test books with a stand-alone book for Mathematics.

Increased Quantities:

The BAFO indicated test book quantities of 152,714 for Spring 2008. Based on ADE's revised estimated enrollments of 140,000 (Writing), 140,000 (Reading), and 140,000 (Mathematics), the pricing associated with this design is noted below (reference Contract Modification 4).

All pricing noted for the Spring HS administration represents the adjusted difference in the BAFO price for the change to design. In all cases, CTB assumes standard BAFO overages apply.

ADE Approval of Price:

Please check the box below to indicate ADE's approval and acceptance of the following pricing;

☐

Price: \$ 138,632.12

Spring 2008 Test Books (see equation below for details)

B&FO Test Book Quantities:

Writing/Reading combined = 152,714

Mathematics = 152,714

Increased Quantities:

Reading = 140,000

Writing = 140,000

Mathematics = 140,000

Total = 420,000 – BAFO Quantities 305,428 = 114,572 additional test books.

$$114,572 * \$1.21 = \$138,632.12$$

ADE request that we change the quantities from 128,369 to 152,714 for Year 4, which changes the price from \$197,547.02 to \$138,632.12, resulting in a decrease of \$58,914.90.

3. **Spring 2008 High School Scoring (increase due to Answer Document case count), reference RAA PM-191.11a:**

The scoring estimate for 2008 Spring High School will increase due to the increased answer documents per item 1 above.

ADE Approval of Price:

Please check the box below to indicate ADE's approval and acceptance of the following pricing;

☐ **Price \$139,568.96, Spring 2008**

The following assumptions are based on ADE's the design configuration for Spring 2008;

Spring 2008

- Assumes stand-alone answer documents for each content area (Writing/Reading and Mathematics) per item 1 above: reference RAA PM-191.10a.
- Assumes alignment with the BAFO scoring price of \$5.68 per answer document scored.
- Increased Quantities for Answer Documents per item 1 above (24,572).

$$\text{Increased Answer Document} = 24,572 * \$5.68 = \$139,568.96$$

Per ADE quantities were increased from 128,369 to 152,714. Due to the increase in quantities the price has changed from \$416,128.16 to \$139,568.96, resulting in a price decrease of 276,559.20.

4. **Spring 2008 High School Barcode Label Deploy and Increased Label Quantities, reference RAA PM-191.12a:**

The pricing associated with this RAA is for the barcode labels for the Spring High School test administration.

ADE Approval of Price:

Please check the box below to indicate ADE's approval and acceptance of the following price;

☐ **Price \$20,354, Spring 2008**

Increased Label Quantities:

CTB anticipates that ADE will send one barcode label file for High School, and one for Writing/Reading/Mathematics, which will contain more student records than the number of students to be tested (based on what occurred in Fall 2005 and Spring 2006), reference Contract Modification 3.

The costs for the additional print of barcodes and rosters are based on the following specifications:

- 1 row of labels per student (1 master label and 2 barcode labels).
- Estimated additional number of barcode rows needed: 130,000.
- Estimated number of sheets of barcode labels needed (6 student rows per sheet with a 10% overage for start and stop pages): 23,834.
- The time and labor associated with flagging those students who will not test and will not require labels is excessive and does not meet the timelines for the program.

5. **Fall 2008 High School Test Book design change (resulting in Increased Quantities), reference RAA PM-191.2a:**

ADE has made the decision to maintain a revised design to the Fall High School test books for Fall 2007. This includes a stand-alone Test Book for each content area Reading, Writing, and Math. The BAFO included a combined Fall High School test book which contained Reading, Writing and Mathematics in one book.

Increased Quantities:

The BAFO indicated enrollments of 65,654 for Fall 2006. Based on ADE's revised estimated enrollments of 61,800 (Writing), 61,800 (Reading), and 66,950 (Mathematics) the pricing associated with this design is as noted below (reference supporting documentation provided as part of Contract Modification 4).

All pricing noted represents the adjusted difference in the BAFO price for the change to the design. In all CTB assumes standard BAFO overages apply.

ADE Approval of Price:

Please the box below to indicate ADE's approval and acceptance of the following pricing.

☐ **Price \$151,233.06, Fall 2007 Test Books (see equation below for details)**

BAFO Test Book Quantities

R/W/M combined = 65,564

Increased Quantities:

Reading = 61,800

Writing = 61,800

Mathematics = 66,950

Total = 190,550 – BAFO Quantities 65,564 = 124,986
additional test books

$124,986 * \$1.21 = \$151,233.06$

Per ADE quantities change from 63,654 to 65,654 for Year 4 administration resulting in a price decrease of \$2,311.10.

6. **Fall 2007 High School Answer Document Design Change:**

A. ADE has made the decision to change the current design for the Fall High School answer documents for Fall 2007 to a single Answer Document combining all content areas Reading, Writing and Mathematics. The current design includes a combined Answer Document for Reading and Writing, with a stand-alone document for Mathematics. CTB will support this design change at no cost.

B. The BAFO indicated enrollments of 65,564 for Fall 2006 combined answer document for Writing/Reading/Mathematics. Based on ADE's revised estimated enrollments of 103,000 (Writing/Reading and Mathematics) answer documents, the pricing associated with this design is as noted below (reference supporting documentation provided as part of Contract Modification 4).

It is important to note that this RAA and the pricing noted are for materials only. Scoring costs are represented in RAA PM-191.4a. CTB assumes standard BAFO overages apply.

ADE Approval of Price:

Please check the box below to indicate ADE's approval and acceptance of the following pricing;

☐ **Price: \$39,307.80, Fall 2006 Answer Documents**

B&FO Combined Answer Document

R/W/M combined = 65,564

Increased Quantities:

Writing/Reading and Mathematics = 103,000

Total = 103,000 – B&FO Quantities 65,564 = 37,436
additional answer documents

$37,436 * \$1.05 = \$39,307.80$

Per ADE please increase the quantity from 63,654 to 65,564, resulting in a price decrease of \$2005.50

7. **Fall 2007 High School, Increased Scoring Cost:**

ADE has revised the design for the Fall High School Answer documents, (item 1 above) resulting in a change to the Fall High School Scoring costs (reference RAA 191.4a).

ADE Approval of Price/Assumptions:

Please check the box below to indicate ADE's approval and acceptance of the following pricing;

☐ **Price: \$212,636.48, Fall 2007**

Fall 2007

- Assumes a scoring price of \$5.68 per answer document scored.
- Assumes 103,000 documents scored in Fall 2007.
- Calculation is based upon estimate of 103,000 documents scored minus 65,564.
- BAFO estimate of documents scored = 37,436 additional documents scored.

$$37,436 * 5.68 = \$212,636.48$$

Additional Assumption:

- The Fall High School reports will remain as they currently exist: there will be a separate report generated for Mathematics and a separate report generated for Writing/Reading. Per ADE please increase the quantity to 65,564 resulting in a price decrease of \$10,848.80.

8. Fall 2007 High School Increased Label Quantities (Regular Administration Only—Without Writing Field Test), reference RAA 191.6a:

The pricing associated with this RAA is for the barcode labels for the regular Fall High School test administration. This RAA includes pricing for increased label quantities.

ADE Approval of Price:

1) Increased Label Quantities

CTB anticipates that ADE will send one barcode label files for High School, one for Writing/Reading and Mathematics which will contain more student records than the number of students to be tested (based on what occurred in Fall 2006).

The costs for the additional print of barcodes and rosters is based on the following specifications:

- 1 row of labels per student (1 master label and 2 barcode labels).
- Estimated additional number of barcode rows needed: 87,927.
- Estimated number of sheets of barcode labels needed (6 student rows per sheet with a 10% overage for start and stop pages): 12,089.
- The time and labor associated with flagging those students who will not test and will not require labels is excessive and does not meet the timelines for the program.

Please check the box below to indicate ADE's approval and acceptance of the following pricing;

☐ Price \$10,646, Fall 2007 (Reference Contract Modification 3)

Total Price for Increased Quantities \$738,179.02

☒ **ADE Approval:**

☒ Accept in present form.

☐ Accept with revisions indicated below or on attached page(s).

NOTE: If revisions are indicated on attached page(s), please indicate number of pages being sent here _____.

1. _____
2. _____
3. _____
4. _____

Name/Title: DC Peoples / Procurement Administrator

Signature: M. G. Dupuis
Date: 4/18/07

Please return this RAA to Michelle Paregian by fax at 888-282-9579, on or before April 20, 2007.

Changes:

1. \$51,124.50
2. \$58,914.90
3. \$276,559.20
5. \$2,311.10
6. \$2,005.50
7. \$10,848.80

Total decrease: \$401,764

Request for ADE Approval

Arizona's Instrument to Measure Standards (AIMS)

RAA ID#: PM – 201 Date: April 12, 2007

☒ Decision

☐ Approval of Contract Deliverable

Topic: Increased Page Counts for the DPA Test Books – Spring 2008

Decision:

CTB's Best & Final Offer included the following page counts to support the test books for the DPA administration. The table below indicates the increase in page counts necessary to support the increased number of items and large artwork. Reference revised RAA PM-177 dated March 29, 2006 signed and accepted by ADE on March 29, 2006.

Grade	BAFO Estimated Page Count	Spring 2008 actual page counts
3	88	100
4	80	96
5	80	96
6	80	112
7	80	104
8	80	112

Price = \$ 293,576

ADE Approval:

☒ Accept in present form.

☐ Accept with revisions indicated below or on attached page(s).


NOTE: If revisions are indicated on attached page(s), please indicate number of pages being sent here _____.

1. _____
2. _____
3. _____
4. _____

Name/Title:

D C Peoples / Procurement Administrator

Signature:



Date: 4/18/07

Please return this RAA to Michelle Paregian by fax at 888-282-9579, on or before April 20, 2007.

Request for ADE Approval

Arizona's Instrument to Measure Standards (AIMS)

RAA ID#: PM – 203 Date: April 12, 2007

☒ Decision

☐ Approval of Contract Deliverable

Topic: Additional 3 DPA Forms for Additional 30 Field Test Items for Reading and Mathematics for the Spring 2008 Administration

Decision: CTB will support the requirements for additional DPA forms and items for the Spring 2008 administration, as discussed with ADE during the meeting held on May 18—19, 2006. When adding items to an existing design, there are tasks that must be performed beyond those involved when creating the original design. CTB has provided justification for costs associated with adding 30 items per content area (Reading and Mathematics) to AIMS Spring 2008 DPA tests (bulleted list) below:

Development \$1,201,850:

- **Planning**
 - Additional items require additional reading passages to be developed.
 - Development team will analyze the list of potential topics already provided by ADE and compare it to existing passages in the item bank, to the Spring 2007 FT passages that are not yet in the item bank, and to the Spring 2008 passages that have already been commissioned to be sure new topics have not been addressed already or conflict with existing passages.
- **Item Development**
 - Additional items need to be written.
 - Development team will structure the assignments so as to guarantee adequate blueprint coverage while filling known gaps. They will assure that the additional items will help populate the item bank in proportion to the coverage required by the blueprint.
 - They will ensure their additional assignments complement and expand the coverage already determined in their BAFO-level assignments without duplication.
- **Content and Item Review**
 - Some additional costs beyond BAFO are incurred producing art or item-/stimulus-related graphics if the additional items/passages call for a heavier proportion of art than the BAFO-level items/passages.
- **Test Material Development**
 - Significant additional costs are associated with creating manuscripts, especially reading. The additional items will require the four passages and 10 FT items associated with each passage to appear in *two* forms and its 10 FT items to be split into *two sets of five items* as illustrated in the table below. This is a complex task that requires thinking in terms of four test books at once. This represents a significant change from the BAFO design that calls for one passage and all 10 of its items to appear together in one form.

Form	Passage	Item Numbers
Form A	Passage 1	1-5
	Passage 2	1-5
Form B	Passage 1	6-10
	Passage 2	6-10
Form C	Passage 3	1-5
	Passage 4	1-5
Form D	Passage 3	6-10
	Passage 4	6-10

- **Page Production**
 - There is significant additional cost as the vendor produces full test books and style editors and content editors review them at every stage. Even though the core (consisting of TN and AZ-owned OP items) is just developed once and reused for each form, once the merge with unique sets of FT items is complete, the four forms each travel as a separate test book.
 - *Every* page is carefully checked at each stage to ensure that the merge was done correctly, that corrections were accurately applied, and that individual differences (such as underlining, or not underlining, vocabulary words as appropriate) have been applied correctly. This represents a heavy increase in workload that must be done for all pages in the books, not simply the pages that contain the unique FT items.
- **Materials Integration Review**
 - The purpose of the MIR is to make sure each test book, the common test administration directions, and the answer document all work seamlessly.
 - MIR reviewers must consider each complete test book during their review, not simply the pages that contain the unique FT items.
- **Quality Assurance**
 - The QA step is designed to focus heavily on the 40 FT items, with just one review of the OP items. Therefore, there should not be any additional costs associated with QA above those linked to the BAFO.
- **Prepress, Merge, Release to Manufacturing**
 - Additional costs are incurred because multiple copies of each complete test book are prepared as dummy books to be delivered to Manufacturing.
 - Additional time is required to assure that any last minute changes that any affect the OP sections of the test books have been applied correctly.
- **PEID**
 - Additional costs are incurred because of the need to produce annotated test books for four forms, as opposed to one. The complete test book is annotated; not simply the unique FT items.

Scoring \$12,500

- Setup and scanning of additional forms

Technology \$27,500

- Scanning & Winscore
- Infrastructure support
- Winbridge
- DSP
- Summary
- Reports

Research \$121,120

- Item Analysis
- Calibration
- Equating
- Form Selection
- Item Statistics Delivery to Development and ADE

Manufacturing \$206,000

Price = \$1,568,970

ADE Approval:

- ☒ Accept in present form.
☐ Accept with revisions indicated below or on attached page(s).
NOTE: If revisions are indicated on attached page(s), please indicate number of pages being sent here _____.

1. _____

2. _____

3. _____

4. _____

Name/Title:

DC Peoples / Mr. Peoples

Signature:

Procurement Administrator

Date:

4/18/07

Please return this RAA to Michelle Paregian by fax at 888-282-9579, on or before April 20, 2007.